

**IN THE CLAIMS:**

The text of all pending claims, (including withdrawn claims) is set forth below. Cancelled and not entered claims are indicated with claim number and status only. The claims as listed below show added text with underlining and deleted text with ~~striketrough~~. The status of each claim is indicated with one of (original), (currently amended), (cancelled), (withdrawn), (new), (previously presented), or (not entered). Please AMEND claims 1, 14, 15, 26, 29, 33, 41, 63 and 64 and CANCEL claims 9-13, 22, 25, 30-32, 34-36, 42-46 and 48-62 without prejudice or disclaimer of the subject matter recited therein in accordance with the following:

1. **(CURRENTLY AMENDED)** A negative electrode for a lithium secondary battery comprising:

a substrate having a mean roughness of 30 to 4000 Å; and

a lithium layer coated on the substrate,

wherein the substrate is selected from the group consisting of a metal foil, a metal film, a conductive polymer film, a polymer film deposited with metal, and a polymer film incorporated with a conductive agent, and ~~the substrate is controlled to have a low mean roughness wherein~~ the polymer film is at least one selected from the group consisting of polyester, polyolefin, polyamide, polycarbonate, polyacrylate, and a copolymer or a mixture thereof.

2. **(ORIGINAL)** The negative electrode for the lithium secondary battery according to claim 1, wherein the mean roughness of the substrate is 30 to 3000 Å.

3. **(ORIGINAL)** The negative electrode for the lithium secondary battery according to claim 2, wherein the mean roughness of the substrate is 30 to 1500 Å.

4. **(ORIGINAL)** The negative electrode for the lithium secondary battery according to claim 3, wherein the mean roughness of the substrate is 30 to 500 Å.

5. **(ORIGINAL)** The negative electrode for the lithium secondary battery according to claim 4, wherein the mean roughness of the substrate is 30 to 100 Å.

6. **(ORIGINAL)** The negative electrode for the lithium secondary battery according to claim 1, wherein the substrate for the negative electrode consists of a conductive material.

7. **(CANCELLED)**

8. **(PREVIOUSLY PRESENTED)** The negative electrode for the lithium secondary battery according to claim 1, wherein the metal is copper or nickel.

9-13. **(CANCELLED)**

14. **(CURRENTLY AMENDED)** The negative electrode for the lithium secondary battery according to claim 1, wherein the mean roughness of the polymer film deposited with metal is 30 to 3500 Å.

15. **(CURRENTLY AMENDED)** The negative electrode for the lithium secondary battery according to claim 14, wherein the mean roughness of the polymer film deposited with metal is 30 to 3000 Å.

16. **(ORIGINAL)** The negative electrode for the lithium secondary battery according to claim 15, wherein the mean roughness of the polymer film deposited with metal is 30 to 1500 Å.

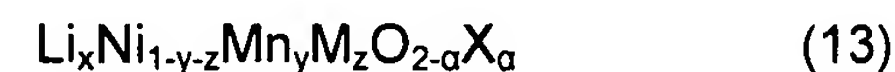
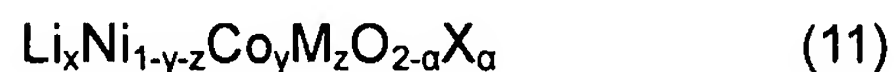
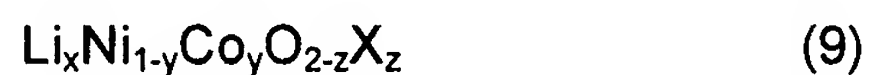
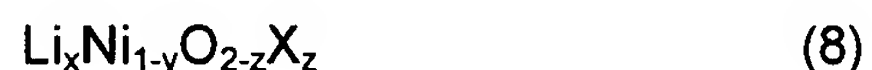
17. **(ORIGINAL)** The negative electrode for the lithium secondary battery according to claim 16, wherein the mean roughness of the polymer film deposited with metal is 30 to 500 Å.

18. **(ORIGINAL)** The negative electrode for the lithium secondary battery according to claim 17, wherein the mean roughness of the polymer film deposited with metal is 30 to 100 Å.

19. **(ORIGINAL)** The negative electrode for the lithium secondary battery according to claim 1, wherein the lithium layer is prepared by depositing lithium on the substrate or by compressing a lithium foil thereon.

20. **(ORIGINAL)** A lithium secondary battery comprising  
 a negative electrode according to claim 1; and  
 a positive electrode comprising at least one positive active material selected from the  
 group consisting of a lithium-included metal oxide, a lithium-included chalcogenide compound, a  
 sulfur-based material, and a conductive polymer.

21. **(ORIGINAL)** The lithium secondary battery according to claim 20, wherein the  
 lithium-included metal oxide or lithium-included chalcogenide compound is at least one selected  
 from the group consisting of compounds represented by the formulas (1) to (13):



wherein

$$0.9 \leq x \leq 1.1, 0 \leq y \leq 0.5, 0 \leq z \leq 0.5, 0 \leq \alpha \leq 2;$$

M is at least one selected from the group consisting of Al, Ni, Co, Mn, Cr, Fe, Mg, Sr, V,  
 and rare earth elements;

A is selected from the group consisting of O, F, S, and P; and

X is selected from the group consisting of F, S, and P.

22. (CANCELLED)

23. (ORIGINAL) The lithium secondary battery according to claim 20, further comprising a separator interposed between the positive electrode and the negative electrode, wherein the separator is selected from the group consisting of a polyethylene, polypropylene, or polyvinylidene fluoride separator, a polyethylene/polypropylene two-layered separator, a polyethylene/polypropylene/polyethylene three-layered separator, and a polypropylene/polyethylene/polypropylene three-layered separator.

24. (ORIGINAL) The lithium secondary battery according to claim 20, further comprising an electrolyte, wherein the electrolyte is a non-aqueous electrolyte or a solid electrolyte.

25. (CANCELLED)

26. (CURRENTLY AMENDED) The lithium secondary battery according to claim ~~claim~~ 25claim 20, wherein the mean roughness of the substrate is 30 to 1500 Å.

27. (ORIGINAL) The lithium secondary battery according to claim 26, wherein the mean roughness of the substrate is 30 to 500 Å.

28. (ORIGINAL) The lithium secondary battery according to claim 27, wherein the mean roughness of the substrate is 30 to 100 Å.

29. (CURRENTLY AMENDED) The lithium secondary battery according to claim ~~claim~~ 25claim 20, wherein the substrate for the negative electrode consists of a conductive material.

30-32. (CANCELLED)

33. **(CURRENTLY AMENDED)** The negative electrode according to ~~claim 30~~claim 20, wherein the polymer film deposited with metal is a polymer film on which a metal is deposited, and wherein the polymer film is at least one selected from the group consisting of ~~polyester, polyolefin, polyamide,~~ poly(vinylidene fluoride), poly(tetrafluoro ethylene), polystyrene, poly(acrylonitrile), poly(vinyl chloride), ~~polycarbonate, polyacrylate,~~ and a copolymer or a mixture thereof.

34-36. **(CANCELLED)**

37. **(CURRENTLY AMENDED)** The lithium secondary battery according to claim 33, wherein the mean roughness of the polymer film deposited with metal is 30 to 3000 Å.

38. **(ORIGINAL)** The lithium secondary battery according to claim 37, wherein the mean roughness of the polymer film deposited with metal is 30 to 1500 Å.

39. **(ORIGINAL)** The lithium secondary battery according to claim 38, wherein the mean roughness of the polymer film deposited with metal is 30 to 500 Å.

40. **(ORIGINAL)** The lithium secondary battery according to claim 39, wherein the mean roughness of the polymer film deposited with metal is 30 to 100 Å.

41. **(CURRENTLY AMENDED)** The lithium secondary battery according to ~~claim 25~~claim 20, wherein the lithium layer is prepared by depositing lithium on the substrate or by compressing a lithium foil thereon.

42-46. **(CANCELLED)**

47. **(PREVIOUSLY PRESENTED)** The negative electrode of claim 1, wherein the polyester is one of: poly(ethylene terephthalate) (PET), poly(butylene terephthalate) (PBT), a copolymer thereof and a mixture thereof.

48-62. **(CANCELLED)**

63. **(CURRENTLY AMENDED)** A negative electrode for a lithium secondary battery comprising:

a substrate having a mean roughness of 30 to ~~less than 1000~~4000 Å; and

a lithium layer coated on the substrate,

wherein the substrate is selected from the group consisting of a conductive polymer film, a polymer film deposited with metal, and a polymer film incorporated with a conductive agent and the mean roughness of the polymer film deposited with metal is 30 to 4000 Å.

64. **(CURRENTLY AMENDED)** A negative electrode for a lithium secondary battery comprising:

a substrate having a mean roughness of 30 to 4000 Å; and

a lithium layer coated on the substrate,

wherein the substrate is selected from the group consisting of a metal foil, a metal film, a conductive polymer film, a polymer film deposited with metal, and a polymer film incorporated with a conductive agent and

~~wherein the polymer film deposited with metal is a polymer film on which a metal is deposited, and~~ wherein the polymer film is at least one selected from the group consisting of: poly(vinylidene fluoride), poly(tetrafluoro ethylene), polystyrene, poly(acrylonitrile), poly(vinyl chloride), a copolymer thereof and a mixture thereof.

65. **(PREVIOUSLY PRESENTED)** A negative electrode for a lithium secondary battery comprising:

a polymer film deposited with metal having a mean roughness of 30 to 4000 Å; and

a lithium layer coated on the polymer film deposited with metal.